



DT08 Rec'd PCT/PTO : 14 MAR 2005

Attorney Docket No.

Patent

012679-111

PCT #3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Tae-yoon Kim et al.

Application No.: 10/524,562

Filing Date: February 14, 2005

Title: A COMPOSITION COMPRISING PHYTOSPHINGOSINE DERIVATIVES FOR APOPTOSIS INDUCTION

MS AMENDMENT

Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTERCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a SECOND Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-8620

By

Susan M. Dadio

Registration No. 40,373

Date: March 14, 2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of)	
dae-yoon Kim et al.)	Group Art Unit: Unassigned
Application No.: 10/524,562)	Examiner: Unassigned
Filed: February 14, 2005)	Confirmation No.: Unassigned
For: A COMPOSITION COMPRISING)	
PHYTOSPHINGOSINE)	
DERIVATIVES FOR APOPTOSIS)	
INDUCTION)	

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. Also enclosed are copies of forms PCT/IPEA/408 and PCT/IPEA/409 from corresponding International Application No. PCT/KR2002/001875.

Non-Patent Documents

- (1) LEE et al., "Phospholipase D2 Activity Suppresses Hydrogen Peroxide-Induced Apoptosis in PC12 Cells," Journal of Neurochemistry, 2000, pp. 1053-1059, Vol. 75, No. 3, Lippincott, Williams & Wilkins, Inc., Philadelphia; and
- (2) BEKTAS, et al., "Different Vitamin D Analogues Induce Sphingomyelin Hydrolysis and Apoptosis in the Human Keratinocyte Cell Line HaCaT," Cellular and Molecular Biology, 2000, pp. 111-119, Vol. 46, No. 1, C.M.B. Association, France.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

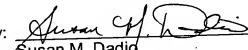
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date March 14, 2005

By:


Susan M. Dadiq
Registration No. 40,373

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

(use as many sheets as necessary)

	Case Information
Application Number	10/524,562
Filing Date	February 14
First Named Inventor	Tae-yoon Kim
Examiner Name	Unassigned
Attorney Docket Number	012679-111

[illegible][illegible]

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	LEE et al., "Phospholipase D2 Activity Suppresses Hydrogen Peroxide-Induced Apoptosis in PC12 Cells," <u>Journal of Neurochemistry</u> , 2000, pp. 1053-1059, Vol. 75, No. 3, Lippincott, Williams & Wilkins, Inc., Philadelphia.
	BEKTAS, et al., "Different Vitamin D Analogues Induce Spingomyelin Hydrolysis and Apoptosis in the Human Keratinocyte Cell Line HaCaT," <u>Cellular and Molecular Biology</u> , 2000, pp. 111-119, Vol. 46, No. 1, C.M.B. Association, France.

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.